January 20, 1993

Please read sund personal letter on page ?! thank you

MAR - 8 1993

OFFICE OF THE SECRETARY

FEDERAL COMMUNICATIONS COMMISSION

Honorable Christopher (Kit) Bond United States Senate Washington, DC 20510

Dear Senator:

I have spent many years of enjoyment constructing and operating radio controlled model airplanes. I belong to several local clubs whose members share a common interest. Between the building tools, airplane kits, radios, engines, finishing materials, all add up to a large investment. abounds by the camaraderie that develops between father and son or daughter, grandfather and grandchildren by building and operating their model together. Kids sharing the hobby with an adult, learn how to use their hands and minds. Kids in R/C hobby aren't gang members!

I am very concerned about what has been proposed by the Federal Communications Commission. The proceeding is PR Docket 92-235. If adopted the rule will greatly reduce the usability of frequencies currently assigned for radio control model usage. It will increase the risk of accidents and attendant liability.

Our radio controlled frequencies are in the 72/76 MHz band. This band is primarily used for private land mobile dispatch operations. Presently our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we co-exist by not interfering with one another.

The Notice Of Proposed Rule Making (NOPRM) in PR Docket 92-235 replaces part 90 of the rules with a new Part 88. Part 90 allows safe use of radio controlled aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiast. The new Part 88 will allow mobile users on frequencies for R/C aircraft and, 10 of 30 frequencies on the 75 Mhz band for R/C cars and boats.

In supervised R/C model operation safety is paramount, for the spectators, operators, and property. Coordination of radio frequencies used simultaneously dictates our safety control and are strictly observed. Reduction of frequencies increases chances of accidents due to adjacent channel interference.

I think its unfair for the FCC to consider expanding the operations of land mobile radio users at the expense of the radio control modelers. The FCC must think we are not as worthy of radio frequency usage as the user of business radio. As individuals our power is how we vote, as an industry we contribute a sizable income to our nation. None of what we do contributes to the sales of drugs or the delinquency of children. The mobile communications industry can't say that. Is this going to be another scenario of the big guy and his paid lobbyist wins again? I hope not because I have faith in you that's why I'm appealing to you for your help

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72/76 Mhz band. We need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Cordially,

STANTON KING

Stanton King is my son, who is quadriplegic, as a result of a diving accident almost ten years ago. Even though he cannot feel his fingers, he can use the remote control to fly the model planes by someone placing a rubber band around his fingers to hold them around the "joy" stick. In September of '91, he was invited to go to Sicily, Italy to fly a plane, which he had had build and took with him. For 3 days he participated in an exhibition of model aircraft flying. He was the only handicapped person from the United States to be invited and he was the only quadriplegic who attended. People from all over the world participated.

This hobby is <u>very</u> important to Stan and therefore important to our family and <u>everyone</u> who knows Stan and knows of him. He has been invited back to Sicily this June but things are not confirmed as of this date.

Please support the R/C hobby and don't let anyone mess with the airways that could ruin it.

RECEIVED

MAR - 8 1993

January 20, 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Honorable John C. Danforth United States Senate Washington, DC 20510

Dear Senator:

I have spent many years of enjoyment constructing and operating radio controlled model airplanes. I belong to several local clubs whose members share a common interest. Between the building tools, airplane kits, radios, engines, finishing materials, all add up to a large investment. Joy abounds by the camaraderie that develops between father and son or daughter, grandfather and grandchildren by building and operating their model together. Kids sharing the hobby with an adult, learn how to use their hands and minds. Kids in R/C hobby aren't gang members!

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In supervised R/C model operation safety is paramount, for the spectators, operators, and property. Coordination of radio frequencies used simultaneously dictates our safety control and are strictly observed. Reduction of frequencies increases chances of accidents due to adjacent channel interference. I think its unfair for the FCC to consider expanding the operations of land mobile radio users at the expense of the radio control modelers. The FCC must think we are not as worthy of radio frequency usage as the user of business radio. As individuals our power is how we vote, as an industry we contribute a sizable income to our nation. None of what we do contributes to the sales of drugs or the delinquency of children. The mobile communications industry can't say that. Is this going to be another scenario of the big guy and his paid lobbyist wins again? I hope not because I have faith in you that's why I'm appealing to you for your help

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72/76 Mhz band. We need your help urgently because the FCC thas a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Cordially,

Galph Waser

Mr. & Mrs. Ralph Waser 10032 Shapfield Ln. St. Louis. MO 63123

EX PARTE OR LATE FILEDRECEIVED

February 1, 1993

'he Honorable Kit Bond
J. S. House of Representatives
Washington D. C. 20510

MAR - 8 1993

Dear Senator Bond:

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

I have been interested in aviation for as long as I can remember. I am very active with a local club whose members enjoy constructing and operating radio controlled airplanes. Members of the local model airplane club offer countless hours of free instruction and building tips to assist new pilots. The club also puts on one heck of a model airplane show each summer at a commercial airport, participates in Memorial Day festivities at our local airport, visits grade schools for demonstrations, travels around the state participating in other clubs events and lots, lots more.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will be closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of radio control frequencies. If the number of frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety greatly increased.

Please understand that many model airplanes have a wingspan of up to 10 feet and weigh as much as 30-40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We need use of our full compliment of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radic users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and our radio equipment. I currently operate 2 radios with an average cost of \$250.00 or more. The hobby provides many hours of

'he Honorable Kit Bond J. S. House of Representatives Washington D. C. 20510

EX PARTE OR LATE FILED

RECEIVED February 1, 1993

MAR - 8 1993

Dear Senator Bond:

FEDERAL COMMUNICATIONS COMMISSION

I have been interested in aviation for as long as I can remember. I am very active with a local club whose members enjoy constructing and operating radio controlled airplanes. Members of the local model airplane club offer countless hours of free instruction and building tips to assist new pilots. The club also puts on one heck of a model airplane show each summer at a commercial airport, participates in Memorial Day festivities at our local airport, visits grade schools for demonstrations, travels around the state participating in other clubs events and lots, lots more.

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KANSAS CITY POWER & LIGHT COMPANY

MAR - 8 1993

1201 WALNUT

P. O. BOX 418679

KANSAS CITY, MISSOURI 64141-9679

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Bob LaScala Phone: 816-556-2149 Fax: 816-556-2221

February 3, 1993

The Honorable Christopher S. Bond 293 Russell Office Building Washington, DC 20510-2503

Dear Senator Bond:

I have recently revived my interest in constructing and operating radio-controlled model airplanes. I was very involved in this activity as a youngster and now that I am nearing retirement, I felt that this would be a past-time that could derive many hours of enjoyment. I have built one airplane and purchased radios and other products necessary to operating models.

I am very concerned about the proposed rule that is currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability.

Our radio-control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of the rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band (for R/C aircraft) and 10 of the 30 frequencies on the 75 MHz band (for R/C cars and boats) now used by hobbyists. In fact, more channels will likely be affected.

When we operate our R/C models, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number

The Honorable Christopher S. Bond February 2, 1993 Page 2

of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to seek to expand the operation conditions of land mobile radio users at the expense of the radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and in our radio equipment. It is a sizeable industry that must be saved from these detrimental FCC actions. The hobby provides many hours of enjoyment to hundreds of thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72-76 MHz band. We all need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely,

Bob LaScala

Bob Lascola

BL:mc

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

The Honorable Christopher S. Bond 293 Russell Office Building Washington, DC. 20510 February 2, 1993

Dear Senator Bond:

I have been interested in aviation for as long as I can remember. I am very active in local club whose members enjoy constructing and operating radio controlled model airplanes.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). the proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will be come congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. the models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests

operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the $72-76~\mathrm{MHz}$ band.

Sincerely,

Bob Smith

Bob Smith 4063 W. Camden Springfield, Mo. 65803

1428 N. Dewey Maryville, MO 64468 Jan 30, 1993

The Honorable Kit Bond 293 Russell Office Building Washington, D.C. 20510-2503

RECEIVED

MAR - 8 1993

Dear Senator Bond

FEDERAL COMMUNICATIONS COMMISSION

I have long been interested in radio controlled modeling and dont like the proposed changes.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

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I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The

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MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

The Honorable Kit Bond United States Severte Washington, D.C. 20510

Dear Mr. BONd

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I am a beginning student in building and operating radio controlled models airplanes. I am active in our club and the wife of the president of our club.

Radio controlled modeling is a sport that can be enjoyed by the intire family. We wish to introduce our grandson to the sport within the next few months, upon his seventh (7) birthday.

I have one (1) model that I have ready to fly at this time, it is besigned to take aireal photographs with a 35 mm camera. The radio for this model is approximately 250.00, and since the proposed new frequencies are so close, interference will occur, and reader my model unusable.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-70 lHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

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Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 75 MHz band.

Sincerely,

Wunderlich 1916 Kockriage Jeffewon City: 1160 1,5109

MAR - 8 1993

January 28, 1993

EX PARTE OR LATE FILED

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Senator Christopher S. Bond United States Senate Washington, D.C. 20510

Dear Senator Bond:

RE: FCC Docket 92-235

I have held an Amateur Radio operator's license for more than 40 years and presently hold Extra Class license WØRV. I also hold a lifetime General Class commercial license and held a commercial Radiotelephone First Class license for 30 years. I have had long experience in the two way radio and commercial broadcasting fields and was Chief Engineer at radio stations WIL and WIL-FM in St. Louis for more that 25 years.

I am now retired and am very active in building and flying radio controlled model aircraft. I am a member of the Academy of Model Aeronautics and am Vice President of the Signal Chasers Radio Control Club Inc. in St. Louis County, which has a membership of more than 40 radio control aircraft modelers.

I have been notified that the FCC proposes a change in (Part 88) frequency allocations that will have a profound effect on the model frequencies that we use in the 72 MHz. band (Part 95). The proposed restructuring would insert two new frequencies between each of those presently assigned for model aircraft and commercial use. This would allow transmitters with four times the power output of our units to operate only 2.5 KHz. from a large number of our 72 and 75 MHz. channels.

These frequencies would be designated as "mobile", and we would never know where and when they might be operating. In addition, the technical specifications for the new equipment would allow a legal frequency tolerance that could place their signals directly on top of ours!

I, along with many other retiree's, usually fly my aircraft at St. Louis County's Buder Park near the junction of Interstate Highway 44 and Missouri Highway 141. This area could be especially susceptible to interference from such new equipment and the loss of control of our aircraft could easily cause a serious accident and/or irreparable damage to our aircraft and our airborne radio equipment.

I and countless other St. Louis area R/C modelers are strongly opposed to this proposed rule change and hope that it will be reconsidered in the light of the extreme danger to property and life that it will cause.

I ask for your assistance in persuading the FCC to drop this proposed change. Time is of the essence as formal comments must be filed with the FCC prior to February 26, 1993.

Sincerely:

Melvon G. Hart, WØRV

936 Dontaos Drive Des Peres, MO 63131-2001

RECEIVED

January 20, 1993

MAR - 8 1993

Honorable Christopher (Kit) Bond United States Senate Washington, DC 20510

FEDERAL COMMUNICATIONS COMMISSION OFFICE OF THE SECRETARY

Dear Senator:

I have spent many years of enjoyment constructing and operating radio controlled model airplanes. I belong to several local clubs whose members share a common interest. Between the building tools, airplane kits, radios, engines, finishing materials, all add up to a large investment. Joy abounds by the camaraderie that develops between father and son or daughter, grandfather and grandchildren by building and operating their model together. Kids sharing the hobby with an adult, learn how to use their hands and minds. Kids in R/C hobby aren't gang members!

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MAR - 8 1993



OFFICE OF THE SECRETARY

4955 Westwood Terrace Kansas City, MO, 64112 28 January, 1993

The Honorable Kit Bond United States Senate Washington, D.C., 20510

Re: FCC PR Docket 92-235

Dear Senator Bond:

Please use your good offices to cause the FCC to reexamine the proposed radio frequency reallocation referenced above, which I am told would take away more than two-thirds of the narrow band frequencies presently available to my hobby of radio-controlled model aircraft building and flying.

I am a retired aerospace engineer who derives a great deal of stimulation and enjoyment from this activity, which I share with eighty others in a club. Our members range from boys and girls in their early teens to retired persons like me. In addition to practice flights and competitions, we engage in

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I do not propose to resist progress in the form of wireless communication, but suggest that reassigning two-thirds of a present small allocation of bandwidth from this hobby is an excessive step. FCC should be able to come up with a less drastic allocation, one that would be fair to all parties.

Sincerely,

Arthur L. Lowell

The Honorable Kit Bond United States Senate Washington, D.C. 20510

1 Peach Tree et.
FlorissANT, Mo 6303,
Vanuage CEIVED

MAR - 8 1993

Sir:

Thave been notified, by my A.M.A. insuraPERE OF THE SECRETARY

Carrier, that on February 26, 1993 a vote

Will be taken on NPRM-PR Docket 92-235. This

vote vill greatly effect me, and the lives of my friends.

I am a remote control pilot, M/c for short, and have been

one for 25 years. Working under my father I have learned

many valuable techniques in building + operating M/c model

planes. I am an active competitor in local compate events.

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RECEIVED

MAR - 8 1993

The Honorable Christopher S. Bond 293 Russell Office Building Washington, D.C. 20510-2503

Dear Senator.

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

I am very active in the flying of remote control model aircraft. For the past several years I have participated in this sport as therapy for a stress condition that I have. I also belong to several local and national clubs that support this activity.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for remote control (R\C) use.

Our R\C frequencies are in the 72-76 MHz band. This is primarily used for private land mobile dispatch operations. However, the R\C frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either user interfering with the other.

Now the FCC wants to create more land mobile (Cellular) frequencies by splitting them into narrower band widths and rearranging the band plan. As a result, many land mobile frequencies will be placed between and closer to the R\C frequencies and cause interference to R\C operations. More specifically this new FCC plan will render all but 19 of the present 50 R\C frequencies useless.

Please understand that many model aircraft have wing spans up to 10 feet and weigh as much as 30 to 40 pounds. The models themselves are expensive and, generally, operated by competent trained pilots. These pilots devote a great deal of time to protecting their investment by stringent safety ethics and careful coordination of the radio frequencies.

We often fly our aircraft at organized events and contests where hundreds of spectators are present. Please visualize, if you would, a remote control aircraft being piloted in front of several hundred spectators when someone in their car within a mile or two of the aircraft places a call from their cellular phone. The signal from this cellular phone overrides the frequency that controls the aircraft being flown. Needless to say the crash of the aircraft could result in some very serious consequences.

In the early eighties the FCC expanded the number of frequencies available to the R\C flier. In doing so they phased out some of the frequencies that were in use at that time and phased in some additional frequencies which are the 50 frequencies that we use today. This phase in plan was complete in January of 1991. The use of these new frequencies required that the R\C industry develop new high tech narrow band radio equipment that could operate without inter frequency conflict. This also meant that the R\C community had to discard any radio equipment made before the early eighties and purchase the new narrow band radios. Now, 12 months later the FCC is proposing a plan that will make the millions of dollars invested in the parameter technology and the untail dollars are redeless.

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MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION OFFICE OF THE SECRETARY

The Honorable Christopher Bond United States Senate Washington, D.C. 20510

January 28, 1993

Dear Senator Bond,

As Secretary of a 120 member R/C club in the St. Louis area and a member of another, I strongly object to the proposed rule, NPRM-PR Docket 92-235.

Our club, as well as others, Provides necessary recreation for many retired persons and also those with physical handicaps. This sport also provides an opportunity for young people to better relate to their parents and elders.

R/C hobbyists have spent considerable time, effort and expence in order to find radio equipment which is not affected by other radio transmissions. Please do not change regulations which would have a disasterous effect on this huge activity.

Respectfully,

Mel Muskopf 10127 Stonell

St. Louis, MO 63123

314-631-6867

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MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION

The Honorable Christopher S. Bond

293 Russell Building

TO:

Washington DC 20510-2503

William N. Palmerton

207 N. E. 74th Terrace Gladstone, Mo 64118

| Dear Senator Bond | av . 1. 2 | 7 | |
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The R/C industry is large and varied, there are many companies in the U.S. who produce and sell equipment and parts for this sport. Ace R/C in Higginsville, Mo. is a prime example. Much of this industry could be out of business if R/C modeling is diminished by these changes. Plus, from a personal standpoint, I have a substantial investment in equipment which I would not be able to use if I could not fly R/C safely.

I hope you will consider the educational value of a sport such as R/C. I started with model aircraft as a youngster, and it has led to a career in aviation. The skills I learned building models started me toward obtaining an Aircraft Mechanics license, I am now an Aviation Safety Inspector for the Federal Aviation Administration. Many of the people that I know in the hobby are in commercial or military aviation. The list of our astronauts contains some model builders also. A sport such as this teaches skills and disciplines which can have a lasting impact on a person throughout their life. Please go out to a flying field and see for yourself that this is not a bunch of idiots playing with toy airplanes, but a group of responsible adults (and kids) doing something that gives a lot of personal pleasure. Just be careful, you might get hooked also!

I apologize for the length of this letter, but this subject is so important to me that I do not feel I could express my concerns in a shorter document.

Please help this wonderful hobby continue by not allowing the FCC to carry out the proposed changes in the 72-75 MHZ band.

Sincerely,

William N. Palmerton

William U. Halmuton

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MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION OFFICE OF THE SECRETARY

The Honorable Christopher S. Bond 293 Russell Office Building Washington, DC. 20510 January 27, 1993

Dear Senator Bond:

| | I have been interested in aviation for as long as I can remember. I am very active in local club whose members enjoy constructing and |
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